

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/899,532

DATE: 07/23/2001
TIME: 13:36:23

Input Set : A:\02973.00040 sequence listing.txt
Output Set: N:\CRF3\07232001\I899532.raw

4 <110> APPLICANT: Bloomquist, Brian T.
5 Zhelnin, Leonid
7 <120> TITLE OF INVENTION: Human Neuropeptide Y-Like G
8 Protein-Coupled Receptor
10 <130> FILE REFERENCE: 02973.00040
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/899,532
C--> 12 <141> CURRENT FILING DATE: 2001-07-06
12 <150> PRIOR APPLICATION NUMBER: US 60/216,523
13 <151> PRIOR FILING DATE: 2000-07-06
15 <160> NUMBER OF SEQ ID NOS: 3
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1296
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1

25 atgcaggcgc ttaacattac cccggagca	ttctctcgcc tgctgcggga	ccacaacctg	60
26 acgcgggagc agttcatcgc tctgtaccgg	ctgcgaccgc tcgtctacac	cccagagctg	120
27 ccgggacgcg ccaagctggc cctcgtgctc	accggcgtgc tcatcttcgc	cctggcgctc	180
28 tttggcaatg ctctgggtt ctacgtggtg	acccgcagca aggccatgcg	caccgtcacc	240
29 aacatctta tctgctcctt ggcgctcagt	gacctgctca tcaccttcct	ctgcattccc	300
30 gtcaccatgc tccagaacat ttccgacaac	tggctgggg gtgctttcat	ttgcaagatg	360
31 gtgccatttg tccagtcac cgctgttggt	acagaaatcc tcactatgac	ctgcattgct	420
32 gtggaaaggc accagggact tttgcacccct	tttaaaatga agtggcaata	caccaaccga	480
33 agggcttca caatgctagg tttggctctgg	ctgggtgcag tcatcgtagg	atcaccatcg	540
34 tggcacgtgc aacaacttga gatcaaataat	gacttcctat ataaaaagg	acacatctgc	600
35 tgcttagaag agtggaccag ccctgtgcac	cagaagatct acaccaccc	catccttgc	660
36 atcccttcc tcctgcctct tatggtgatg	cttattctgt acagtaaaat	tggttatgaa	720
37 cttggataa agaaaagagt tggggatgg	tcagtgcttc gaactattca	tggaaaagaa	780
38 atgtccaaaa tagccaggaa gaagaaaacga	gctgtcatta tgatgggtac	agtggggct	840
39 ctctttgctg tttgtgggc accattccat	gttgcata tgatgattga	atacagtaat	900
40 tttgaaaagg aatatgtga ttgcacaaatc	aagatgattt ttgctatcg	gcaaatttatt	960
41 ggattttcca actccatctg taatccatt	gtctatgcat ttatgaatga	aaacttcaaa	1020
42 aaaaatgttt tttgtctgcatttgc	atagtaataa aacccctctc	tccagcacaa	1080
43 aggcacggaa attcaggaat tacaatgtatc	cgaaagaaaag caaagtttc	cctcagagag	1140
44 aatccacgtgg agggaaaccaa aggagaagca	ttcagtgatg gcaacattga	agtcaaatttgc	1200
45 tgtgaacaga cagaggagaa gaaaaagctc	aaacgacatc ttgctctctt	taggtctgaa	1260
46 ctggctgaga attctccctt agacagtggg	cattaa		1296
48 <210> SEQ ID NO: 2			
49 <211> LENGTH: 431			
50 <212> TYPE: PRT			
51 <213> ORGANISM: Homo sapiens			
53 <400> SEQUENCE: 2			
54 Met Gln Ala Leu Asn Ile Thr Pro Glu Gln Phe Ser Arg Leu Leu Arg			
55 1 5 10 15			
56 Asp His Asn Leu Thr Arg Glu Gln Phe Ile Ala Leu Tyr Arg Leu Arg			
57 20 25 30			

ENTERED

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58 Pro Leu Val Tyr Thr Pro Glu Leu Pro Gly Arg Ala Lys Leu Ala Leu
59 35 40 45
60 Val Leu Thr Gly Val Leu Ile Phe Ala Leu Ala Leu Phe Gly Asn Ala
61 50 55 60
62 Leu Val Phe Tyr Val Val Thr Arg Ser Lys Ala Met Arg Thr Val Thr
63 65 70 75 80
64 Asn Ile Phe Ile Cys Ser Leu Ala Leu Ser Asp Leu Leu Ile Thr Phe
65 85 90 95
66 Phe Cys Ile Pro Val Thr Met Leu Gln Asn Ile Ser Asp Asn Trp Leu
67 100 105 110
68 Gly Gly Ala Phe Ile Cys Lys Met Val Pro Phe Val Gln Ser Thr Ala
69 115 120 125
70 Val Val Thr Glu Ile Leu Thr Met Thr Cys Ile Ala Val Glu Arg His
71 130 135 140
72 Gln Gly Leu Val His Pro Phe Lys Met Lys Trp Gln Tyr Thr Asn Arg
73 145 150 155 160
74 Arg Ala Phe Thr Met Leu Gly Val Val Trp Leu Val Ala Val Ile Val
75 165 170 175
76 Gly Ser Pro Met Trp His Val Gln Gln Leu Glu Ile Lys Tyr Asp Phe
77 180 185 190
78 Leu Tyr Glu Lys Glu His Ile Cys Cys Leu Glu Glu Trp Thr Ser Pro
79 195 200 205
80 Val His Gln Lys Ile Tyr Thr Thr Phe Ile Leu Val Ile Leu Phe Leu
81 210 215 220
82 Leu Pro Leu Met Val Met Leu Ile Leu Tyr Ser Lys Ile Gly Tyr Glu
83 225 230 235 240
84 Leu Trp Ile Lys Lys Arg Val Gly Asp Gly Ser Val Leu Arg Thr Ile
85 245 250 255
86 His Gly Lys Glu Met Ser Lys Ile Ala Arg Lys Lys Lys Arg Ala Val
87 260 265 270
88 Ile Met Met Val Thr Val Val Ala Leu Phe Ala Val Cys Trp Ala Pro
89 275 280 285
90 Phe His Val Val His Met Met Ile Glu Tyr Ser Asn Phe Glu Lys Glu
91 290 295 300
92 Tyr Asp Asp Val Thr Ile Lys Met Ile Phe Ala Ile Val Gln Ile Ile
93 305 310 315 320
94 Gly Phe Ser Asn Ser Ile Cys Asn Pro Ile Val Tyr Ala Phe Met Asn
95 325 330 335
96 Glu Asn Phe Lys Lys Asn Val Leu Ser Ala Val Cys Tyr Cys Ile Val
97 340 345 350
98 Asn Lys Thr Phe Ser Pro Ala Gln Arg His Gly Asn Ser Gly Ile Thr
99 355 360 365
100 Met Met Arg Lys Lys Ala Lys Phe Ser Leu Arg Glu Asn Pro Val Glu
101 370 375 380
102 Glu Thr Lys Gly Glu Ala Phe Ser Asp Gly Asn Ile Glu Val Lys Leu
103 385 390 395 400
104 Cys Glu Gln Thr Glu Glu Lys Lys Leu Lys Arg His Leu Ala Leu
105 405 410 415
106 Phe Arg Ser Glu Leu Ala Glu Asn Ser Pro Leu Asp Ser Gly His

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107	420	425	430	
109 <210> SEQ ID NO: 3				60
110 <211> LENGTH: 1710				120
111 <212> TYPE: DNA				180
112 <213> ORGANISM: Homo sapiens				240
114 <400> SEQUENCE: 3				300
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116 cgcgtggcgc tccagcaccc cagaccgtgg cggccctcg ccttagggaa gagcaaggga				420
117 agaactttat ttgaaccgcg aacatttttt ggtcaactgag atcgagtctc ccagtgttt				480
118 ggcttcccgcc ctcttatacg tgggtttagt ccctgagctg ctctccttcc ccgaacctcc				540
119 cgggggtgcag cctagagccc tcccgcgcgg ctgactccag agtagaggaa gggaggcgcc				600
120 ctccggctgg tcccccaag ccctcgctgc cccgcagatg cgatggcca gccagtagcg				660
121 ggcgggtggcc cgcgtcccg ggagcgcaca gcaatgcagg cgcttaacat taccggag				720
122 cagttctctc ggctgctgcg ggaccacaaac ctgacgcggg agcagttcat cgctctgtac				780
123 cggctgcgac cgctcgatcta caccggcagg ctgcgggac gcgcggact ggcctcg				840
124 ctcaccggcg tgctcatctt cgcctggcg ctcttggca atgctctgtt gtttacgtg				900
125 gtgaccgcga gcaaggccat ggcgcaccgc accaacatct ttatctgtc cttggcgctc				960
126 agtacactgc tcatacacctt ctatgcatt cccgtcacca tgctccagaa cattccgac				1020
127 aactggctgg ggggtgctt catttgcaag atgggtccat ttgtccagtc taccgtgtt				1080
128 gtgacagaaa tcctactat gacctgcatt gctgtggaaa ggcaccaggg acttgtgcat				1140
129 ccttttaaaa tgaagtggca atacacaaac cgaaggctt tcacaatgtc aggtgtggtc				1200
130 tggctgggtt cagtcatcgat aggtacaccc atgtggcagc tgcaacaact tgagatcaaa				1260
131 tatgacttcc tatatgaaaa ggaacacatc tgctgcttag aagagtggac cagccctgt				1320
132 caccagaaga tctacaccac cttcatccctt gtcatccctc tcctcctgccc tcttatggtg				1380
133 atgcttattc tgtacagtaa aattggttat gaactttggaa taaagaaaaag agttggggat				1440
134 ggttcagtgc ttgcactat tcatggaaaa gaaatgtcca aaatagccag gaagaagaaaa				1500
135 cgagctgtca ttatgatggt gacagtgggt gctcttttgc ctgtgtgtc ggcaccatcc				1560
136 catgtgtcc atatgatgtat tgaatacagt aattttgaaa aggaatatgtc tgatgtcaca				1620
137 atcaagatga ttttgctat cgtcggaaattt attggatttt ccaactccat ctgtatccc				1680
138 attgtctatg catttatgaa tggaaacttc aaaaaaaaaatg ttttgc agttgttat				1710
139 tgcatagtaa ataaaaacctt ctcccgaccaaaaggcatg gaaattcagg aattacaatg				
140 atgcggaaaga aagcaaaatgtt ccctccaga gagaatccag tggagggaaac caaaggagaa				
141 gcatttcaggat atggcaacat tgaagtcaaa ttgtgtgaac agacagagga gaagaaaaag				
142 ctcaaaccgac atcttgctctt cttaggtct gaactggctg agaattctcc ttttagacagt				
143 gggcattaaat tataacaata tcttcataat				

VERIFICATION SUMMARY

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TIME: 13:36:24

Input Set : A:\02973.00040 sequence listing.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date